

**Amendments to the Specification**

Replace paragraph [0028] with the following:

During the following of servo wedge three 324 at read operation 202, the propagation routine may also record the position of the head 118 relative to an ideal track center at record operation 204. The recording of the position of the head 118 relative to the ideal track center at each wedge being read provides the necessary position error information for a zero acceleration path (ZAP) process to may be performed, as is known in the art, to produce correction coefficients. The correction coefficients from ZAP are later applied to permit the head 118 to follow a more circular track than is initially provided for by the servo bursts of the servo wedge writing process.